

The Northern Cheyenne Tribe and Its Reservation

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A Report to the

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and the

State of Montana Department of Natural Resources and Conservation

**Prepared by
The Northern Cheyenne Tribe**

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As is evident from the size of this report, the researching, drafting, and editing of this report was a team effort. The Tribe would like to thank each member of the team for their efforts in putting together this report on a very tight deadline. In particular, the Tribe would like to acknowledge the efforts of the following team members:

John B. Arum. Mr. Arum served as overall editor for the report and was the principal author of Chapters 4 (Tribal Government and Fiscal Resources) and 5 (Reservation Programs, Services and Facilities). Mr. Arum also contributed material to Chapter 2 (Overview of Northern Cheyenne Culture and History). Mr. Arum is a partner in the Seattle law firm of Ziontz, Chestnut, Varnell, Berley & Slonim, the Tribe's long-time legal counsel. Mr. Arum has represented Indian tribes for the past 12 years and is very familiar with Tribal government institutions and functions. Mr. Arum holds a B.A. in political science from Reed College, 1984, and a J.D. from the University of Washington, 1990.

James P. Boggs. Dr. Boggs served as one of two principal authors of Chapter 3 (Social and Economic Conditions) and also contributed material to Chapters 2 (Overview of Northern Cheyenne Culture and History) and 5 (Reservation Programs, Services and Facilities). Dr. Boggs is an anthropologist with over twenty five years experience working and publishing in the areas of social impact assessment, cultural resources, applied anthropology, and the effective policy utilization of social knowledge. After teaching anthropology at San Jose State University, he joined the staff of the Northern Cheyenne Research Project from 1976-1980. Subsequently, he has been in private practice. He has conducted social impact assessment and ethnographic research studies for environmental impact statements, for the first Tribal redesignation of Reservation air quality status under the Clean Air Act, and for nominating a Native American traditional cultural property to the National Register of Historic Places, among others. Currently a Faculty Affiliate in the Department of Anthropology, and Senior Associate of the Public Policy Research Institute, University of Montana, Dr. Boggs has authored numerous articles for scholarly and legal journals on social impact assessment and the uses of social science knowledge. Dr. Boggs holds a Ph.D. in anthropology from the University of Oregon, 1974.

Sherri Deaver. Dr. Deaver is primary author of Chapter 7 (Northern Cheyenne Cultural Resources) and made a substantial contribution to Chapter 2 (Overview of Northern Cheyenne Culture and History). Dr. Deaver has over 20 years experience working with cultural resources in southeast Montana and over 15 years experience working with the Northern Cheyenne. She is a principle in the anthropological consulting firm Ethnoscience, Inc. Her past work includes cultural and/or archaeological review of the Powder River Coal Leasing in the 1980s, the Tongue River Dam Project in the 1990s, the Chalk Buttes cultural assessment conducted jointly by the Northern Cheyenne Tribe, Custer National Forest and Ethnoscience. Additionally she worked with Elder Bill Tallbull on a cultural review of the proposed Tongue River Railroad. She led Bureau of Land Management (BLM) sponsored surveys on the Otter Creek and Hanging Woman drainages. Most recently she co-authored a cultural resource review of the proposed CBM

project area for the BLM.

Joe Little Coyote. Mr. Little Coyote served as the principal author of Chapter 2 (Overview of Northern Cheyenne Culture and History). Mr. Little Coyote also contributed to Chapter 7 (Northern Cheyenne Cultural Resources). Mr. Little Coyote is a member of the Northern Cheyenne Tribe and the Northern *Suhtio*. After seven years of service with the United States Marine Corps, including a tour of duty in Vietnam, Mr. Little Coyote devoted himself to the intensive study of Cheyenne culture. He has served as a Vision Quest Instructor since 1970, an Arrow Man starting in 1974, a Piercing Ceremonial Instructor since 1980, and a Buffalo Lodge Instructor since 1984. Mr. Little Coyote also holds a Masters degree in Education from Harvard University, 1976, and a Certificate of Advanced Study, in Administration, Planning & Social Policy from Harvard University, 1978. Mr. Little Coyote currently heads up the Tribe's Economic Development program and was the lead author of the Tribe's 2001 Comprehensive Economic Development Strategy (CEDS) report.

Thomas M. Power. Dr. Power served as one of the principal authors of Chapter 3 (Social and Economic Conditions). Dr. Power is currently Professor of Economics and Chairman of the Economics Department at the University of Montana. He specializes in natural resource and regional economic development issues. Professor Power has taught at Princeton, Lehigh, and the University of Montana where he has been since 1968. He has been Chairman of the Economics Department since 1978. Professor Power's most recent book, Post-Cowboy Economics: Pay and Prosperity in the New American West, was published in Summer 2001 by Island Press. Dr. Power is the author of three other books, a dozen book chapters and over a hundred papers, reports, and monographs in the field of resource economics and regional economic development. He regularly testifies before state and federal regulatory agencies on energy policy, natural resource development, environmental protection, and local economic development. He is a regular commentator on economic issues on Montana Public Radio and in the national press. Dr. Power holds a M.A. and Ph.D. in Economics from Princeton University.

Gail Small. Ms. Small provided invaluable advice, logistical support and constructive criticism to the report team. Ms. Small is a member of the Northern Cheyenne Tribe as is also known as "*Vea-hon-naut!*, Head Chief Woman." Ms. Small is the founding and current Director of Native Action, one of the first and most effective non-profit organizations established on an Indian Reservation. Ms. Small has also served as an elected member of the Northern Cheyenne Tribal Council. Ms. Small holds a J.D. from the University of Oregon, 1982 and a B.A. in Sociology from the University of Montana, 1978.

Eric W. Wessman, Mr. Wessman is one of two principal authors of Chapter 6 (Reservation Natural Resources). Mr. Wessman is a registered Professional Engineer in the states of Colorado and California and holds B.S. degrees in both Agricultural Engineering and Range Land Management from the University of Wyoming. Mr. Wessman serves as an associate engineer at Natural Resources Consulting Engineers (NRCE), a

civil, environmental, and water resources consulting firm with offices in Fort Collins, Colorado; Berkeley, California; and Eritrea, East Africa. Mr. Wessman's professional career is focused principally on performing hydrological and engineering analysis involving agricultural and municipal water systems and water rights. He has served as an expert witness in federal court in trials involving stream flow and water quality issues and in state water right transfers involving cases of forfeiture, abandonment, and lack of perfection determinations based on investigations of irrigation type and history. Mr. Wessman has extensive experience in the quantification of Indian Water Rights including economic evaluation of water use based on soil, climate, water availability, specification of agricultural and irrigation systems, and water resources supply and demand studies, including characterization of quantity and quality.

Laura Woodard. Ms. Woodard is the other principal author of Chapter 6 (Reservation Natural Resources). Ms. Woodard received a B.A. in Geology from Hartwick College in New York, 1996, and a M.S. in Geology from Colorado State University, 2000. Ms. Woodard serves as an assistant hydrogeologist at NRCE. At NRCE, Ms. Woodard is responsible for the evaluation and quantification of available groundwater for irrigation feasibility studies on several Indian Reservations including the Pechanga, Cahuilla, and Fort Independence Reservations in California. She has also investigated surface water/groundwater relationships in the Ancestral Missouri River Channel related to water right negotiations on the Fort Belknap Reservation in Montana. Ms. Woodard also coordinates several EPA Section 106 projects associated with the Clean Water Act for the Pechanga Tribe, including a Unified Watershed Assessment, a Non-point Source Management Plan, and a Quality Assurance Protection Plan.

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